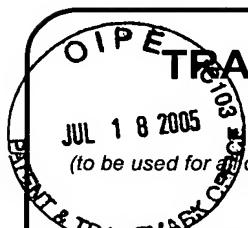
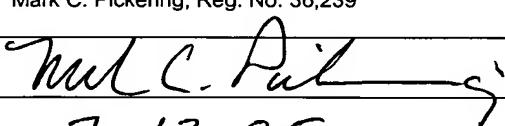


AF/IFW

 TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number 10/649,989
Filing Date August 27, 2003		First Named Inventor Vladislav Vashchenko, et al.
Group Art Unit 2814		Examiner Name Pham, Long
Total Number of Pages in This Submission 27	Attorney Docket Number 100-22600 (P05659)	

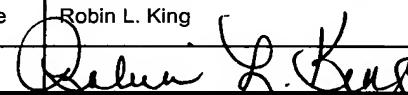
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Fee Attached (check for \$200) <input type="checkbox"/> Amendment/Response <input checked="" type="checkbox"/> After Final (Response) <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement and Form PTO-1449 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Brief <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Inquiry <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Return Receipt Postcard Certificate of Mailing Appendix A (2 sheets of marked-up drawings) Appendix B (9 sheets of replacement drawings)
	Remarks Please charge any necessary fees or credit overpayment to Deposit Account No. 502305. <u>A duplicate copy of this transmittal is attached for this purpose.</u>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Mark C. Pickering, Reg. No. 36,239
Signature	
Date	7-13-05

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: M/S AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: **07-14-05**

Typed or printed name	Robin L. King
Signature	
	Date 07-14-05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL

For FY 2005

~~Patient Fees are subject to annual revision.~~

JUL 18 2005

~~TOTAL AMOUNT OF PAYMENT~~

\$200

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge any fees or credit any overpayment under 37 CFR 1.16 and 1.17 which may be required by this paper to Deposit Account No. 502305

LAW OFFICES OF MARK C. PICKERING

Applicant claims small entity status. See 37 CFR 1.27.

2. **Payment Enclosed:**
 Check Money Order Other

FEE CALCULATION

1. FILING FEE/SEARCH FEE/EXAMINATION FEE

LARGE ENTITY	SMALL ENTITY
--------------	--------------

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1011/1111/1311	1000	2011/2111/2311	500	Utility	
1012/1112/1312	430	2012/2112/2312	215	Design	
1013/1113/1313	660	2013/2113/2313	330	Plant	
1014/1114/1314	1400	2014/2114/2314	700	Reissue	
1005	200	2005	100	Provisional	
SUBTOTAL (1)					0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	20 - 20 **	= 0	x 50	= \$ 0
Independent	4 - 3	= 1	x 200	= \$ 200
Multiple Dep.			*	= \$ 0

**** or number previously paid, if greater; for Reissues, see below:**

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	50	2202	25	Claim in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	** Reissue ind. claims over original patent
1205	50	2205	25	** Reissue claims in excess of 20 and over original patent
				SUBTOTAL (2)
				\$200

Complete if Known

Application Number	10/649,989
Filing Date	August 27, 2003
First Named Inventor	Vladislav Vashchenko, et al.
Examiner Name	Pham, Long
Group Art Unit	2814
Attorney Document No.	100-22600 (P05659)

FEE CALCULATION (continued)

3. Additional Fees

Large Entity Small Entity

1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2520	1812	2520	For filing a request for ex parte reexamination
1804	920	1804	920	Requesting publication of SIR prior to Examiner action
1805	1840	1805	1840	Requesting publication of SIR after Examiner action
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1020	2253	510	Extension for reply within third month
1254	1590	2254	795	Extension for reply within fourth month
1255	2160	2255	1080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1000	2403	500	Request for oral hearing
1451	1510	1451	1510	Petition to institute a public use proceeding
1452	500	2452	250	Petition to revive-unavoidable
1453	1500	2453	750	Petition to revive-unintentional
1501	1400	2501	700	Utility issue fee (or reissue)
1502	800	2502	400	Design issue fee
1503	1100	2503	550	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))
1810	790	2810	395	For each additional invention be examined (37 CFR 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** \$0

SUBMITTED BY

**Law Offices of Mark C. Pickering
P.O. Box 300
Petaluma, CA 94953-0300
Telephone: (707) 762-5583
Facsimile: (707) 762-5504
Customer No. 33402**

Date: 7-13-05
By: Mark C. Pickering
Mark C. Pickering, Reg. No. 36,239

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service, postage prepaid, in an envelope, addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 07-14-05.

PATENT

Dated: July 14, 2005 By Vladislav Vashchenko

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Vladislav Vashchenko, et al.

Appln. No.: 10/649,989

Filed: August 27, 2003

For: SILICON CONTROLLED RECTIFIER
STRUCTURE WITH IMPROVED PUNCH
THROUGH RESISTANCE

Group Art Unit: 2814

Examiner: PHAM, LONG

RESPONSE UNDER 37 CFR §1.116,
EXPEDITED PROCEDURE REQUESTED

INTRODUCTORY COMMENTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action mailed May 16, 2005, please amend the above-identified applications as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper;

Remarks which begin on page 8 of this paper;

Appendix A which begins on page 11 of this paper; and

Appendix B which begins on page 12 of this paper.

07/19/2005 MWOLGE1 00000020 10649989

01 FC:1201

200.00 0P

RESPONSE UNDER 37 CFR §1.116,
EXPEDITED PROCEDURE REQUESTED

Atty. Docket No. 100-22600
(P05659)